

E72-10115

CR-128164

Type I Progress Report
ERTS-A

(E72-10115) AN EVALUATION OF SPACE
ACQUIRED DATA AS A TOOL FOR MANAGEMENT OF
WILDLIFE HABITAT IN THE STATE OF ALASKA
B.J. VanTries (Bureau of Sport Fisheries
and Wildlife) 1 Sep. 1972 3 p CSCI 08F G3/13

Unclass
N72-32366
00115

(Cover Sheet)

- a. Title: An Evaluation of Space Acquired Data as a Tool for Management of Wildlife Habitat in the State of Alaska

ERTS-A Proposal No.: SR 2³55

- b. GSFC ID No. of P.I.: IN 051

- c. Statement and explanation of any problems that are impeding the progress of the investigation:

Launch delay precluded vital data collection for Spring thaw and complete phenological coverage.

A delay in the delivery of an I²S multispectral camera prevented acquisition of photographic data which could have been a significant adjunct - especially is this true in consideration of the launch delay.

- d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period:

The I²S camera has been mounted in a BLM aircraft on a reimbursable basis and has collected some data. Dr. J. Bartonek, co-P.I. in Fairbanks, has used this and available ERTS-1 data in evaluating proposed withdrawals of native lands for control by U.S.D.I. The ERTS-1 data and the photography have been a significant aid in this effort.

- e. Discussion of significant scientific results and their relationships to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less):

See (d) (Category 7K)

- f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period:

Nothing to report.

- g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

An informal agreement was made with Erk ^RSteinmetz, U.S.G.S. Menlo Park, California, to extend the flight lines of our photographic coverage of a portion of the North Slope so as to include a portion of the Arctic Ocean shallows. The total area added is less than fifty square miles.

Data will be shared with U.S.G.S. on a non-reimbursable basis, but at no cost to the Bureau of Sport Fisheries and Wildlife.

The Bureau of Land Management also will be provided with copies of photographic data they may need. The cost for data copies will be borne by BLM.

h. A listing by date of any changes in Standing Order Forms:

No changes.

i. ERTS Image Descriptor forms:

No changes.

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

None submitted.

k. Status of Data Collection Platforms (if applicable):

Not applicable.

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OF WILDLIFE HABITAT IN THE STATE OF ALASKA

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semination of Earth Resources Survey
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1 September 1972

Type I Progress Report for Period 1 July 1972 - 31 August 1972

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